

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Original) An optical power measuring apparatus for successively measuring an optical power in a time series and displaying a time axis change of measurement values as a measurement screen, wherein the latest measurement value of the optical power is fixedly displayed on the measurement screen.
2. (Original) An optical power measuring apparatus according to claim 1, wherein the latest measurement value is fixedly displayed at the right end of the measurement screen, and measurement values continuing in time series the latest measurement value are successively displayed on the left side of the latest measurement value.
3. (Original) An optical power measuring apparatus according to claim 1 or 2, wherein a maximum value display auxiliary line representing the maximum measurement value is additionally displayed.
4. (Currently amended) An optical power measuring apparatus according to claim 1 or 2 ~~any of claims 1 through 3~~, wherein a minimum value display auxiliary line representing the minimum measurement value is additionally displayed.
5. (Currently amended) An optical power measuring apparatus according to claim 1 or 2 ~~any of claims 1 through 4~~, wherein a plotting updating speed of the measurement screen is variably set on the basis of speed designation information inputted from outside.

6. (Currently amended) An optical power measuring apparatus according to claim 1 or 2 ~~any of claims 1 through 5~~, which further includes a memory (4) for storing a greater number of measurement values than the measurement values actually displayed on the measurement screen.

7. (New) An optical power measuring apparatus according to claim 3, wherein a minimum value display auxiliary line representing the minimum measurement value is additionally displayed.

8. (New) An optical power measuring apparatus according to claim 7, wherein a plotting updating speed of the measurement screen is variably set on the basis of speed designation information inputted from outside.

9. (New) An optical power measuring apparatus according to claim 8, which further includes a memory (4) for storing a greater number of measurement values than the measurement values actually displayed on the measurement screen.

10. (New) An optical power measuring apparatus according to claim 3, wherein a plotting updating speed of the measurement screen is variably set on the basis of speed designation information inputted from outside.

11. (New) An optical power measuring apparatus according to claim 10, which further includes a memory (4) for storing a greater number of measurement values than the measurement values actually displayed on the measurement screen.

12. (New) An optical power measuring apparatus according to claim 3, which further includes a memory (4) for storing a greater number of measurement values than the measurement values actually displayed on the measurement screen.